

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A computer readable information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area in which a button is displayed is altered, wherein the highlight information includes highlight general information and a button information table; the button information table includes plural items of button information and is used as one-group mode or plural-group mode; each of the ~~plural~~ items of button information includes button position information; the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area; the range of X-coordinate value and Y-coordinate value being changed depending on a TV system ~~button area information~~; the highlight general information includes a button mode field; and the button mode field includes a flag describing whether a button group for high definition exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group.

Claim 2 (Currently Amended): A computer readable information storage medium according to claim [[1]] 7, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m items of button information, two-group mode made up of m/2 items of button information, or three-group mode made up of m/3 items of button information, where m is an integer.

Claim 3 (Previously Presented): An information playback apparatus used for an information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area in which a button is displayed is altered, wherein

the highlight information includes highlight general information and a button information table; the button information table includes plural items of button information and is used as one-group mode or plural-group mode; each of the plural items of button information includes button position information; the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area; the range of X-coordinate value and Y-coordinate value being changed depending on a TV system ~~button area information~~; the highlight general information includes a button mode field; and the button mode field includes a flag describing whether a button group for high definition exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group, the information playback apparatus comprising:

means for reading out the flag and the bits describing the display type from the information storage medium; and

means for, when the flag describes that the button group for high definition exists, displaying the read-out button information with high definition, and when the flag describes that the button group for high definition does not exist, displaying the read-out button information according to the bits describing the display type.

Claim 4 (Currently Amended): An information playback apparatus according to claim [[3]] 8, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m times of button information, two-group mode made up of m/2 items of button information ~~informations~~, or three-group mode made up of m/3 items of button information, where m is an integer.

Claim 5 (Currently Amended): An information playback method for an information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area in which a button is displayed is altered, wherein the highlight information includes highlight general information and a button information table; the button information table includes plural items of button information and is used as one-group mode or plural-group mode; each of the ~~plural~~ items of button information includes button position information; the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area; the range of X-coordinate value and Y-coordinate value being changed depending on a TV system ~~button area information~~; the highlight general information includes a button mode field; and the button mode field includes a flag describing whether a button group for high definition exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group, the information playback method comprising:

reading out the flag and the bits describing the display type from the information storage medium; and

displaying the read-out button information with high definition when the flag describes that the button group for high definition exists, and displaying the read-out button information according to the bits describing the display type when the flag describes that the button group for high definition does not exist.

Claim 6 (Currently Amended): An information playback method according to claim ~~[[5]]~~ 9, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m items of button information, two-

group mode made up of $m/2$ items of button information ~~informations~~, or three-group mode made up of $m/3$ items of button information ~~informations~~, where m is an integer.

Claim 7 (Previously Presented): A computer readable information storage medium according to claim 1, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.

Claim 8. (New) An information playback apparatus according to claim 3, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.

Claim 9. (New) An information playback method according to claim 5, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.